

METHOD AND APPARATUS FOR
MONITORING HYDROGEN-CONTAINING GAS STREAM

Abstract of the Invention

5 A method and apparatus for monitoring hydrogen
and optionally a non-hydrogen gas including carbon
monoxide. The method and apparatus includes a sensor
assembly consisting of a plurality of electrochemical cells
sequentially arranged in a path of the hydrogen-containing
gas stream. Reaction and consumption of hydrogen at
10 catalytically reactive surface areas of the cells generates
a current which is proportional to the amount of hydrogen
in the gas stream entering the sensor.